The Mines of Arizona

known mining engineer, who will boys contented and happy, carefully scrutinize all matter relat- company is enjoying the most prosing to mining in order that only re- perous year In its history, liable information regarding legitimate enterprises shall find a place lican.

of the state regarding the develop. Arizona and probably the biggest in ment for successful mining. It is

The New Land Office Ruling, 'In order to make a valid location

the locator must have pay ore in place." This is about the most absurd and ridiculous ruling that the land office has ever made. If carried out to the letter it would simply kill seventy-five bitrarily enforced against the men of | is

prospector uses while working his prospect. Isn't the hardship he endures enough to qualify him for having enough firewood to keep him warm and to cook his grub? He doesn't carry it and unquestionably what he does consume is dry, dead material that would tion. lie rotting on the ground. Where will such absurdity end? They may force the prospector soon to carry a linen

detailed and carefully prepared specification of the vein of ore body he will the payments became due. law course so that he can clearly understand the technical rulings of the land office and other institutions,

Also, it might be urged that he ought to take a course in entomology so that if he should come across some species. of bug that was devouring the timber sold to him he could mount it on a general run for the month is ex-But, most important of all he should smelter started. The smelters are take lessons in diplomacy so that he now running full blast. All of the would know how to respectfully ap- eight furnaces are in operation, also proach the ranger. Surely the pros- the seven concentrators, and two repector of the future will have to spruce verberatory furnaces. up. Picks, shovels, drills, goldpans and

Alaska where all coal lands are with- rumored that the El Paso & Southevery way should be given assistance Hua chuca to Patagonia camp, no, residents there nust purchase it is a recognized fact that there is grade ore bodies and are able to pro-

ated within sixty miles of Phoenix ores for reduction where they cut a little sparsely distributed cedar to keep the hoist and couldn't be touched until his emperor connection with the railroad there is

problem and I have discovered it struction of the road moved near town and out of the confines of the forest reserve. But, putting jesting aside, how many low that at the forthcoming meeting of grade coppers would be developed to- the Calumet & Arizona directors the day if such a ruling of the land of- quarterly dividend will be increased

ing conditions in Arizona knows that ings justify the increase, but directhe surfaces of the properties had tors are inclined to go slowly in view excellent surface indications only and of the \$2,000,000 which is being spent it took the deep drill holes to prove for smelter reconstruction. them out. What slight indications payments amounted to \$75,000 in 1911, were on the surface were too impov- and this year an additional \$1,250, erished to be classed as paving ore, 000 will be paid, leaving approxia generally true statement that a extremely well, and it now looks as copper mine is not a poor man's if the new plant would be completed for the ore. There may be nothing as originally planned. The company on the surface but the iron hat, ab- is fortunate in getting its steel orders solutely without copper content. The in before the boom set in, so that de ore is below this,

with the economic conditions it was capacity-say 60,000,000 pounds similar to this could be cited.

Let us help the prospector and in wages. the searcher after minerals instead of putting obstacles in his way and will not be far from 7 cents per I feel sure that before long the auth- pound, a figure which will be emiorities themselves will realize the nently satisfactory to the manageabsurdity of their rulings and will ment. This would represent a net enther modify or cancel them en- saving of .45 cent per pound as commining is to prosper. Miners' asso- be more because the increase in ciations are now forming in differ- wages amounts to about \$120,000 pe ent parts of the country to fight annum, or substantially a quarter of against the late absurd and unjust a cent per pound of copper produced.

A CHRISTMAS GIFT

there will have distributed among treating a ton of ore is lower today them a bonus over and above their than ever before, wages equal to seven per cent of the wages. This distribution will ap-

proximate a total of about \$200,000. It is indeed, a very substantial recognition of the employes' efforts with John G. Page as receiver. Last and undoubtedly will be sincerely week the property was freed from appreciated. Let us hope that this the courts and it has been taken

(This department is under the di-lated by other mine owners. It will

THE GOLCONDA

A NEW GOLD STRIKE

the prospecting and discovery of min- large production. The vein is said affords every indication of going to erals. Petty little rulings and inflic- to be four feet wide with a contact much greater depth. tions amounting to persecution are ar- of schist and granite. The quartz somewhat brecciated with cementation of spar and iron. The At Highgrade, the new camp in Cali- croppings can be traced for a conforms the rangers have made the min- siderable distance. Values range ers pay a ground rent for erecting a from \$10 to \$200 according to Mr. cabin and for the firewood which the Yaeger. This is a good country steel for the new Inspiration smelter, and has produced very rich ore.

the Gold Roads, the Tom Reed and The new plant will cover about eight Ben Harrison mines are receiving a acres of ground and will have daily off of the ground, or ship it for gain great deal of attention. This area capacity for the treatment of 7500 is on the eve of energetic exploita-

Negotiations are under way for the purchase of the property owned by table cloth with him so that he will pany. There are ten cleams in the addition that he carry a fireless group and they adjoin the old Common wealth mine at Pearce, Cochise Furthermore he might receive from in its time. John Brockman bonded the government, (gratis, of course,) a the Commonwealth and took the purchase price out of the mine before be compelled to find before locating. present deal is said to be with Bis-He might also be compelled to take a bee capitalists. Little work has been done but the vein is said to carry very substantial values.

THE CANANEA CONSOLIDATED

On November 21 the Canana Consolidated Copper company made the record run in its history and the slide and send it to the government. pected to be the biggest since the

ce the absurdity of this ruling in ing talk regarding the camp. It is drawn from entry, a country that in western will extend its line from

high priced imported coal when the tions are about to be commenced on inhabitants are stubbing their toes the prospects of the DuQuesne and on cloal seams as they pass out of Westinghouse camps in Santa Cruz And this, when county. These prospects are low already enough known coal in Alaska duce large tonnage. It is said that a contract has been made by the I know of a mining property oper- Copper Queen smelter to receive the

The final grade stakes for the propumps running. But whether or not | jected railroad to Superior have been the pumps and hoist stopped and the driven and it is rumor that actual mine filled with water the wood construction will commence soon. In ship the ranger had given his con- on tap a merging of several compan-If this is accomplished there There is only one solution for this will be no doubt concerning the con-

THE CALUMET AND ARIZONA There is more than an even chance Everyone who is cognizant of min-present rate of \$1. Current earn-Again take the general copper ore mately \$1,700,000 for next year. Con-

One of the best gold mines in Ari- Although the new plant is not zona today had surface ore running expected to give Calumet & Arizona \$2 to \$3. In the position it was and any very large increase in productive impossible to class the ore as paying copper against about 50,000,000 But well on to 200 feet in pounds at present-it is expected to depth it was a bonanza and has been make possible a very material reduc-Several conditions tion in costs, certainly more than enough to offset the recent advance

Calumet & Arizona's costs this year It has got to be done if pared with 1911, but in reality it will While it is not probable that th It is very pleasing to relate a ben- ac was attained by Calumet & Arieficial innovation in connection with zona in its early days, this is due the Homestake mine in South Da- entirely to the decrease in copper situated in hte Black Hills, content of the Calumet & Arizona On Christmas, the men employed ores, as actual cost of mining and

THE OCTAVE

The Octave mining company has been in bankruptcy for two years Christmas box will be a yearly event over by the re-organization commitand that the practice will be emu- tee represented by H. C. Gibbs of

The settlement was made on a basis of \$35,000 cash and \$140 -000 in assigned claims. Nearly the whole of the monetary claims were held by members of the old company, The sale was confirmed by Judge Sloan and the bankruptey proceedrection of Mr. W. T. Defty, the well go a long ways toward making the ings and the receivership will be dis-The charged as soon as the necessary obligations are complied with. The Octave mine has an excellent record and has produced over \$2,000,000 since being worked by the company, The Golconda mine near Kingman It had a ten stamp mill that prois shipping on an average forty tons duced before the company took it of concentrates a day which will over. At present there is a forty The Republican would be pleased average forty-five per cent zine. This stamp mill, cyanide plant and all to receive information from any part property is the largest zinc mine in the necessary buildings and equipment of the mining industry. All the entire southwest. The mine is a well organized camp. The main communications should be addressed an old one and a cross-cut is being shaft is down over 1300 feet with Mining Department, Arizona Repub- run to get under the old workings, drifts extending on both sides for These produced considerable silver long distances. A large amount of values in years gone by. The mine stoping has been done on a strong has evidently a long life and at persistent quartz vein averaging from present about seventy-five men are four to twelve feet in width and there is a large tonnage of ore left in the mine ready for stoping. There ir every probability of the property A reported rich gold strike has again starting up at an early date per cent of our prospective work But been made by Chris Yaeger about and it will mean much for the disin the last few years everything has fourteen miles southeast of Yuma in trict again to have this producer in been done by the land office and the Yuma county near the old Fortuna operation. The mine undoubtedly has forest reserve to discourage efforts for gold mine which has a record of a long life before it as the vein

THE INSPIRATION

A contract has just been closed b General Manager C. E. Mills with the American Bridge Company for the lelivery of 8000 tons of structural near Miami. Deliveries are to commence within three months, and pre-All the country and claims about paration of the site has been started. tens of ore.

> The Sapphire Gold and Copper ompany has purchased the properties of the Monti Verdi, the Lady Bird and Deadwood mines in Mohave county, Arizona, from C. A. Thursthe Chicago Northwestern railroad company, according to advices from the local offices of the f excellent ore has already been nined from the various properties, and the surface showing of mineral s considered excellent, it is stated. The Sapphire company's claims are producing a class of ore that is seldom found except at great depth. It said that the company will probably lease a portion of its properties before erecting the proposed reducion work, as many applications for cases are received. expects to start a large working shaft, on the Lady Bird mine about

Foundations are being laid for a ew mill at the Commonwealth mine at Pearce. Both bills erected on he property were destroyed by fire

The Gibson property near Globe, hipping about five carloads of chareapyrite ore per month that wil average 15 per cent copper. Thirty five men are employed at the mine

The Calumet & Arizona Co. has sixty men at work drilling the New Cornelia property 125 miles west of (Continued on Page Eight)

Assay Office of J. S. Neal ASSAYER AND CHEMIST To Avoid the Rush

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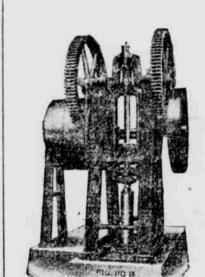


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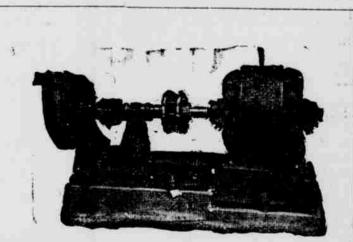


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